AXIOM SSD SIGNATURE FAMILY

PRODUCT COMPARISON
rev 1.6 (03/29/2013)

	Signature III Sync	Signature III Async	Signature III Async 7MM	Micro SATA Signature III - 1.8"	Signature III Sync for Mac	Signature III Async for Mac	Signature III mSATA MO-300
Interface	SATA 6Gb/s - Rev 3.0	SATA 6Gb/s - Rev 3.0	SATA 6Gb/s - Rev 3.0	SATA 6Gb/s	SATA 6Gb/s - Rev 3.0	SATA 6Gb/s - Rev 3.0	SATA 6Gb/s
Form Factor	2.5"	2.5"	2.5"	1.8"	2.5"	2.5"	MO-300
Flash NAND Type	MLC - Synchronous	MLC - Asynchronous	MLC - Asynchronous	MLC	MLC - Synchronous	MLC - Asynchronous	MLC - Asynchronous
Number of Flash Buses	8	8	8	8	8	8	8
Read/Write Speeds Sequential MB/s	550/515	540/450	540/450	550/515	550/515	540/450	560/530
Input/Output Operations per Second (IOPS) - Random Read	IOPS @ 4K blocks: Up to 60k	IOPS @ 4K blocks: Up to 50k	IOPS @ 4K blocks: Up to 50k	IOPS @ 4K blocks: Up to 60k	IOPS @ 4K blocks: Up to 60k	IOPS @ 4K blocks: Up to 50k	IOPS @ 4K blocks: Up to 30k
Write	IOPS @ 4K blocks: Up to 60K	IOPS @ 4K blocks: Up to 50K	IOPS @ 4K blocks: Up to 50K	IOPS @ 4K blocks: Up to0K	IOPS @ 4K blocks: Up to 60K	IOPS @ 4K blocks: Up to 50K	IOPS @ 4K blocks: Up to 80K
Shock Resistance (Operating & Non-Operating)	1,500G/0.5msec	1,500G/0.5msec	1,500G/0.5msec	N/A	1,500G/0.5msec	1,500G/0.5msec	N/A
Power Consumption Active - Typical	<5W	<4W	<4W	<5W	<5W	<4W	<4W
Idle - Typical	<200mW	<200mW	<200mW	<200mW	<200mW	<200mW	750mW
MTBF (PoH)	2 Million Hours	2 Million Hours	2 Million Hours	2 Million Hours	2 Million Hours	2 Million Hours	2 Million Hours
Operating Temperature	0°to 70°C	0°to 70°C	0 to 70 C	0°to 70°C	0°to 70°C	0°to 70°C	0°to 70°C
Warranty	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year
Certification	CE,FCC	CE,FCC	CE,FCC	CE,FCC	CE,FCC	CE,FCC	CE,FCC
Environmental Compliance	RoHS, Halogen-free	RoHS, Halogen-free	RoHS, Halogen-free	RoHS, Halogen-free	RoHS, Halogen-free	RoHS, Halogen-free	RoHS, TAA
Available Capacity	60, 120, 240, 480GB	60, 120, 240, 480GB	120, 240, 480GB	60, 120, 240GB	60, 120, 240, 480GB	60, 120, 240, 480GB	60, 120, 240GB
Part Numbers	SSD25S3260-AX SSD25S32120-AX SSD25S32240-AX SSD25S32480-AX	SSD25A3260-AX SSD25A32120-AX SSD25A32240-AX SSD25A32480-AX	SSD25A37120-AX SSD25A37240-AX SSD25A37480-AX	SSD18MA3060-AX SSD18MA3120-AX SSD18MA3240-AX	APLSSDS3260-AX APLSSDS32120-AX APLSSDS32240-AX APLSSDS32480-AX	APLSSDA3260-AX APLSSDA32120-AX APLSSDA32240-AX APLSSDA32480-AX	SSDMO3A3060-AX SSDMO3A3120-AX SSDMO3A3240-AX